



BUITEMS

QUALITY & EXCELLENCE
IN EDUCATION

Bachelor of Science in Computer Engineering BS(CE)

WHO CAN APPLY

Intermediate (or Equivalent degree) in Pre –Engineering or a combination of Physics, Mathematics and Computer Science from any recognized Board with at least 50% marks in the aggregate

Diploma of Associate Engineers in the same field securing at least 60% marks

Selection Process

Qualifying aptitude test
Appearing in an interview on the date / time as scheduled by the university

COURSE INFORMATION

Course	BS (Computer Engineering)
Duration	4 Years(8 Semesters)
Total Fee	Rs. 130700/- approx-
Department	Computer Engineering
Faculty	Information & Communication Technologies
Campus	Takatu

FOR FURTHER INFORMATION (Please contact)

BALUCHISTAN UNIVERSITY OF
INFORMATION TECHNOLOGY,
ENGINEERING &
MANAGEMENT SCIENCES
CITY CAMPUS
JINNIAH TOWN ,
SAMUNGLI ROAD
QUETTA

Admission Office

Ph # 081-9201051/9201851

Ext: 291

Web: www.buitms.edu.pk

Program Structure for BS (Computer Engineering)

COURSE STRUCTURE

First Semester

- Introduction to Computers
- Basic Electrical Engineering
- Calculus-I
- Applied Physics
- Functional English

Second Semester

- Introduction to Computer Programming
- Discrete Mathematics
- Calculus-II
- Electronics— I
- Pakistan Studies

Third Semester

- Object Oriented Programming
- Digital Logic & Design
- Electronics—II
- Linear Algebra
- Islamic Studies

Fourth Semester

- Data Structure & Algorithms
- Differential Equations
- Probability & Statistics
- Digital Electronics
- Computer Organization and Architecture—I

Fifth Semester

- Numerical Methods
- Circuit Analysis
- Database Management System
- Instrumentation & Measurement
- Technical Report Writing

Sixth Semester

- Control Engineering
- Microprocessor Systems
- Operating Systems
- Communication Systems
- Engineering Economics & Management

Seventh Semester

- Software Engineering
- Computer Communication & Networking
- VLSI Design Techniques
- Digital Signal Processing
- Project (Part-I)

Eighth Semester

- Elective-I
- Elective-II
- Elective-III
- Final Project

FEE STRUCTURE

• Admission Fee (one time)	Rs. 6750/-
• Registration Fee (one time)	Rs. 1350/-
• Security Fee (one time)	Rs. 3000/-
• Tuition Fee (per semester)	Rs. 10400/-
• Examination Fee (per semester)	Rs. 1300/-
• Lab & Library Fee (per semester)	Rs. 3250/-